

Midland, Texas
November 7, 1952

File: 6-1

Re: Application to Dually Complete Humble New Mexico State S-12, Drinkard Pool, Lea County, New Mexico

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Case 456
Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

By means of this application, Humble Oil & Refining Company wishes to state the following:

- (a) Humble Oil & Refining Company New Mexico State S-12, located in the NE/4 of NE/4, Section 2, T22S, R37E, Lea County, was completed November 28, 1946 at a total depth of 6540 feet. The 5-1/2-inch OD production casing was set and cemented at 6536 feet.
- (b) Exhibit A, attached, shows the location of subject well, other wells on the subject lease and all offset wells.
- (c) The subject well was completed as an oil well producing from the Drinkard pay through casing perforations from 6427 to 6447 feet, 6460 to 6490 feet, 6500 to 6510 feet and 6522 to 6530 feet. Exhibit B, attached, is a schematic diagram of the current completion status of the subject well.
- (d) The applicant proposes to dually complete the well to produce oil from the Drinkard pay through the tubing and gas from the Blinbry formation through the tubing-casing annulus in the following manner:
 - (1) Perforate the 5-1/2-inch casing within the approximate interval between 5515 and 5650 feet opposite the Blinbry gas pay.
 - (2) Set a production type packer below the above perforations at approximately 5700 feet to separate the two producing zones.

The manner and method of the dual completion is shown in the schematic diagram as Exhibit C.

- (e) Granting of this application for permission to produce the subject well as a dual completion as proposed is in the interest of conservation and protection of correlative rights.
- (f) The applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

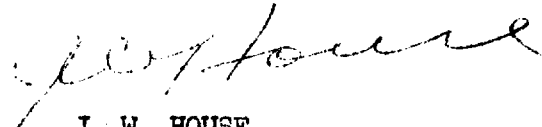
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- (g) The manner and method of the proposed dual completion is mechanically feasible and practical.

Therefore, Humble Oil and Refining Company requests that the New Mexico Oil Conservation Commission set a certain day upon which this application may be heard and after said hearing to grant permission in order that the applicant may dually complete the subject well as proposed in their application.

Respectfully Submitted,

HUMBLE OIL & REFINING COMPANY



J. W. HOUSE
Division Superintendent

JEG/jl

- Encl. Exhibit A - Plot showing all wells on Humble New Mexico State S-12 lease and offset leases.
Exhibit B - Schematic Diagram of Current Completion, Humble New Mexico State S-12.
Exhibit C - Schematic Diagram of Proposed Dual Completion, Humble New Mexico State S-12.
Exhibit D - Radioactive Log of Humble New Mexico State S-12.